



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10 LABORATORY
7411 Beach Dr. East
Port Orchard, Washington 98366

MEMORANDUM

DATE: February 25, 2013

TO: Andy Smith, On Scene Coordinator
Office of Environmental Cleanup
Emergency Response Unit

CC: Jed Januch and Julie Wroble
Office of Environmental Assessment

From: Katie Adams, Chemist
Office of Environmental Assessment
Region 10 Laboratory

SUBJECT: Data Review of X-ray Diffraction Analysis, Burlington Hill

PROJECT CODE: SFP-043A

ACCOUNT CODE: 13T10P302DD2C10ZZLA00

The following is a review of quality control data for the X-ray Diffraction (XRD) analysis of three samples collected on October 2, 2012, from the Burlington Hill Site. The analyses were performed by USEPA scientists at the EPA Region 10 Laboratory in Port Orchard, WA, following USEPA and Laboratory guidelines.

This review was conducted for the following mineral samples:

12394051 12394056 12394060

Data Qualifications

The following comments refer to the quality control specifications outlined in the Laboratory's current Quality Assurance Manual, the QAPP, and Method XRD-QL for Compound Identification for X-ray Diffraction Analysis. For those tests for which the USEPA Region 10 Laboratory has been NELAC accredited, all requirements for the current NELAC Standard have been met. The qualifications recommended herein are based on the information provided for the review.

1.0 Timeliness - Acceptable

There was no holding time for XRD analysis of the samples. The samples were collected October 2, 2012, and sample analysis was conducted between November 5, 2012, and November 13, 2012.